(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(54) Title: METHOD OF READING A PLURALITY OF NON-CONTACT DATA CARRIERS, INCLUDING AN ANTI-COLLISION SCHEME
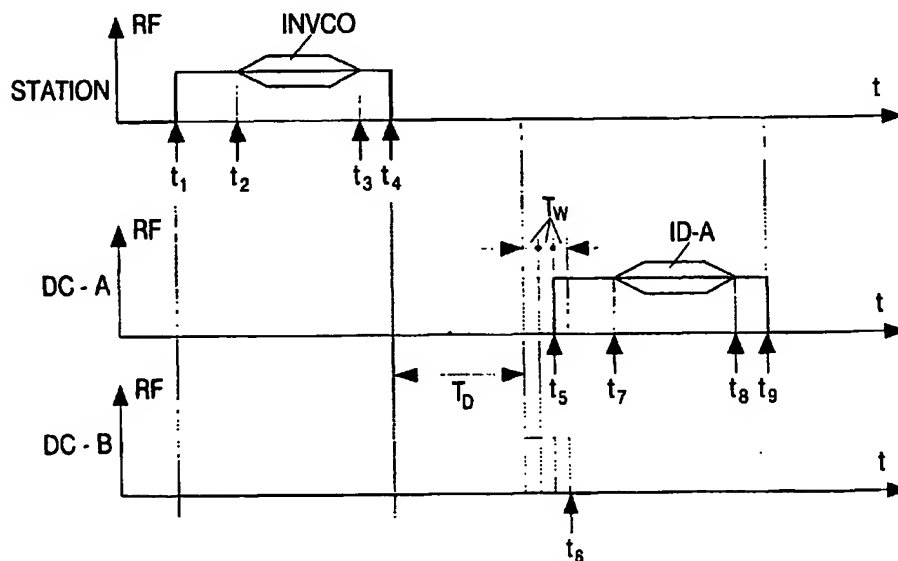
(57) Abstract: A method of inventorying data carriers (2) by means of a communication station, whereby the communication station and each data carrier (2) are brought into communicative connection, and each data carrier (2) brought into communicative connection with the communication station is capable of generating a response signal (IDS) that renders possible an inventorying of the data carrier and is capable of delivering a generated response signal (IDS) with the use of a transmission start moment that can be selected from a plurality of transmission start moments (t5, t6), each data carrier tests whether another data carrier (2) is already giving its response signal (IDS). Each data carrier (2) subsequently discontinues the generation or delivery of its response signal (IDS) if another data carrier (2) is already providing its response signal (IDS).